





13	247	13	68.4	2.647	3	US-08-456-108-1	Sequence 3, Appl1	12.8	67.4	1341	3	US-08-456-108-1	Sequence 3, Appl1	12.8	67.4	1341	3	US-08-456-108-1	Sequence 3, Appl1
13	248	13	68.4	2.647	4	US-09-266-577-4	Sequence 3, Appl1	12.8	67.4	1341	4	US-09-266-577-4	Sequence 3, Appl1	12.8	67.4	1341	4	US-09-266-577-4	Sequence 3, Appl1
13	249	13	68.4	4817	1	US-07-951-215-18	Sequence 16, Appl1	12.8	67.4	1341	1	US-07-951-215-18	Sequence 16, Appl1	12.8	67.4	1341	1	US-07-951-215-18	Sequence 16, Appl1
13	250	13	68.4	4817	2	US-08-456-436-18	Sequence 18, Appl1	12.8	67.4	1341	2	US-08-456-436-18	Sequence 18, Appl1	12.8	67.4	1341	2	US-08-456-436-18	Sequence 18, Appl1
13	251	13	68.4	4817	3	US-08-456-554-18	Sequence 18, Appl1	12.8	67.4	1341	3	US-08-456-554-18	Sequence 18, Appl1	12.8	67.4	1341	3	US-08-456-554-18	Sequence 18, Appl1
13	252	13	68.4	4817	4	US-08-456-504-18	Sequence 18, Appl1	12.8	67.4	1341	4	US-08-456-504-18	Sequence 18, Appl1	12.8	67.4	1341	4	US-08-456-504-18	Sequence 18, Appl1
13	253	13	68.4	4817	4	US-08-456-444-18	Sequence 18, Appl1	12.8	67.4	1341	4	US-08-456-444-18	Sequence 18, Appl1	12.8	67.4	1341	4	US-08-456-444-18	Sequence 18, Appl1
13	254	13	66.4	4817	4	US-07-547-442-18	Sequence 18, Appl1	12.8	67.4	1341	4	US-07-547-442-18	Sequence 18, Appl1	12.8	67.4	1341	4	US-07-547-442-18	Sequence 18, Appl1
13	255	13	66.4	24	3	US-08-481-435-23	Sequence 23, Appl1	12.8	67.4	1341	3	US-08-481-435-23	Sequence 23, Appl1	12.8	67.4	1341	3	US-08-481-435-23	Sequence 23, Appl1
13	256	13	67.4	34	3	US-09-178-613-5	Sequence 5, Appl1	12.8	67.4	1341	3	US-09-178-613-5	Sequence 5, Appl1	12.8	67.4	1341	3	US-09-178-613-5	Sequence 5, Appl1
13	257	13	67.4	36	1	US-07-842-909-41	Sequence 31, Appl1	12.8	67.4	1341	1	US-07-842-909-41	Sequence 31, Appl1	12.8	67.4	1341	1	US-07-842-909-41	Sequence 31, Appl1
13	258	13	67.4	46	2	US-08-700-757-41	Sequence 20, Appl1	12.8	67.4	1341	2	US-08-700-757-41	Sequence 20, Appl1	12.8	67.4	1341	2	US-08-700-757-41	Sequence 20, Appl1
13	259	13	67.4	44	1	US-08-363-235-26	Sequence 31, Appl1	12.8	67.4	1341	1	US-08-363-235-26	Sequence 31, Appl1	12.8	67.4	1341	1	US-08-363-235-26	Sequence 31, Appl1
13	260	13	67.4	44	1	US-08-464-234-41	Sequence 31, Appl1	12.8	67.4	1341	1	US-08-464-234-41	Sequence 31, Appl1	12.8	67.4	1341	1	US-08-464-234-41	Sequence 31, Appl1
13	261	13	67.4	87	1	US-08-207-169-5	Sequence 5, Appl1	12.8	67.4	1341	1	US-08-207-169-5	Sequence 5, Appl1	12.8	67.4	1341	1	US-08-207-169-5	Sequence 5, Appl1
13	262	13	67.4	208	1	US-09-060-756-242	Sequence 262, Appl1	12.8	67.4	1341	1	US-09-060-756-242	Sequence 262, Appl1	12.8	67.4	1341	1	US-09-060-756-242	Sequence 262, Appl1
13	263	13	67.4	248	1	US-08-207-169-48	Sequence 6, Appl1	12.8	67.4	1341	1	US-08-207-169-48	Sequence 6, Appl1	12.8	67.4	1341	1	US-08-207-169-48	Sequence 6, Appl1
13	264	13	67.4	272	4	US-09-060-756-454	Sequence 454, Appl1	12.8	67.4	1341	4	US-09-060-756-454	Sequence 454, Appl1	12.8	67.4	1341	4	US-09-060-756-454	Sequence 454, Appl1
13	265	13	67.4	340	4	US-08-990-824-110	Sequence 110, Appl1	12.8	67.4	1341	4	US-08-990-824-110	Sequence 110, Appl1	12.8	67.4	1341	4	US-08-990-824-110	Sequence 110, Appl1
13	266	13	67.4	331	4	US-08-593-824-51	Sequence 51, Appl1	12.8	67.4	1341	4	US-08-593-824-51	Sequence 51, Appl1	12.8	67.4	1341	4	US-08-593-824-51	Sequence 51, Appl1
13	267	13	67.4	331	4	US-08-593-824-51	Sequence 51, Appl1	12.8	67.4	1341	4	US-08-593-824-51	Sequence 51, Appl1	12.8	67.4	1341	4	US-08-593-824-51	Sequence 51, Appl1
13	268	13	67.4	377	4	US-09-060-756-151	Sequence 151, Appl1	12.8	67.4	1341	4	US-09-060-756-151	Sequence 151, Appl1	12.8	67.4	1341	4	US-09-060-756-151	Sequence 151, Appl1
13	269	13	67.4	384	4	US-08-867-902-4	Sequence 4, Appl1	12.8	67.4	1341	4	US-08-867-902-4	Sequence 4, Appl1	12.8	67.4	1341	4	US-08-867-902-4	Sequence 4, Appl1
13	270	13	67.4	387	4	US-09-128-111-591	Sequence 591, Appl1	12.8	67.4	1341	4	US-09-128-111-591	Sequence 591, Appl1	12.8	67.4	1341	4	US-09-128-111-591	Sequence 591, Appl1
13	271	13	67.4	396	2	US-08-691-814-109	Sequence 109, Appl1	12.8	67.4	1341	2	US-08-691-814-109	Sequence 109, Appl1	12.8	67.4	1341	2	US-08-691-814-109	Sequence 109, Appl1
13	272	13	67.4	480	3	US-09-039-555-11	Sequence 11, Appl1	12.8	67.4	1341	3	US-09-039-555-11	Sequence 11, Appl1	12.8	67.4	1341	3	US-09-039-555-11	Sequence 11, Appl1
13	273	13	67.4	569	2	US-08-483-695-44	Sequence 44, Appl1	12.8	67.4	1341	2	US-08-483-695-44	Sequence 44, Appl1	12.8	67.4	1341	2	US-08-483-695-44	Sequence 44, Appl1
13	274	13	67.4	569	2	US-07-965-285-44	Sequence 44, Appl1	12.8	67.4	1341	2	US-07-965-285-44	Sequence 44, Appl1	12.8	67.4	1341	2	US-07-965-285-44	Sequence 44, Appl1
13	275	13	67.4	569	2	US-08-437-231-44	Sequence 44, Appl1	12.8	67.4	1341	2	US-08-437-231-44	Sequence 44, Appl1	12.8	67.4	1341	2	US-08-437-231-44	Sequence 44, Appl1
13	276	13	67.4	591	3	US-09-201-912-44	Sequence 6, Appl1	12.8	67.4	1341	3	US-09-201-912-44	Sequence 6, Appl1	12.8	67.4	1341	3	US-09-201-912-44	Sequence 6, Appl1
13	277	13	67.4	591	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1
13	278	13	67.4	591	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1
13	279	13	67.4	591	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1
13	280	13	67.4	591	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1
13	281	13	67.4	609	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1
13	282	13	67.4	609	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1
13	283	13	67.4	609	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1	12.8	67.4	1341	3	US-08-833-488-5	Sequence 7, Appl1
13	284	13	67.4	636	4	US-09-210-422-1	Sequence 1, Appl1	12.8	67.4	1341	4	US-09-210-422-1	Sequence 1, Appl1	12.8	67.4	1341	4	US-09-210-422-1	Sequence 1, Appl1
13	285	13	67.4	637	4	US-09-605-785-640	Sequence 640, Appl1	12.8	67.4	1341	4	US-09-605-785-640	Sequence 640, Appl1	12.8	67.4	1341	4	US-09-605-785-640	Sequence 640, Appl1
13	286	13	67.4	658	1	US-08-173-968-4	Sequence 4, Appl1	12.8	67.4	1341	1	US-08-173-968-4	Sequence 4, Appl1	12.8	67.4	1341	1	US-08-173-968-4	Sequence 4, Appl1
13	287	13	67.4	658	3	US-07-801-814-0-4	Sequence 3, Appl1	12.8	67.4	1341	3	US-07-801-814-0-4	Sequence 3, Appl1	12.8	67.4	1341	3	US-07-801-814-0-4	Sequence 3, Appl1
13	288	13	67.4	658	5	US-07-801-814-0-4	Sequence 3, Appl1	12.8	67.4	1341	5	US-07-801-814-0-4	Sequence 3, Appl1	12.8	67.4	1341	5	US-07-801-814-0-4	Sequence 3, Appl1
13	289	13	67.4	699	5	US-07-801-814-0-4	Sequence 3, Appl1	12.8	67.4	1341	5	US-07-801-814-0-4	Sequence 3, Appl1	12.8	67.4	1341	5	US-07-801-814-0-4	Sequence 3, Appl1
13	290	13	67.4	774	2	US-08-762-408-9	Sequence 9, Appl1	12.8	67.4	1341	2	US-08-762-408-9	Sequence 9, Appl1	12.8	67.4	1341	2	US-08-762-408-9	Sequence 9, Appl1
13	291	13	67.4	815	4	US-09-383-586-9	Sequence 9, Appl1	12.8	67.4	1341	4	US-09-383-586-9	Sequence 9, Appl1	12.8	67.4	1341	4	US-09-383-586-9	Sequence 9, Appl1
13	292	13	67.4	900	1	US-08-218-026-1	Sequence 1, Appl1	12.8	67.4	1341	1	US-08-218-026-1	Sequence 1, Appl1	12.8	67.4	1341	1	US-08-218-026-1	Sequence 1, Appl1
13	293	13	67.4	900	2	US-08-653-632-1	Sequence 1, Appl1	12.8	67.4	1341	2	US-08-653-632-1	Sequence 1, Appl1	12.8	67.4	1341	2	US-08-653-632-1	Sequence 1, Appl1
13	294	13	67.4	909	3	US-09-025-648-19	Sequence 19, Appl1	12.8	67.4	1341	3	US-09-025-648-19	Sequence 19, Appl1	12.8	67.4	1341	3	US-09-025-648-19	Sequence 19, Appl1
13	295	13	67.4	909	4	US-09-001-951-19	Sequence 19, Appl1	12.8	67.4	1341	4	US-09-001-951-19	Sequence 19, Appl1	12.8	67.4	1341	4	US-09-001-951-19	Sequence 19, Appl1
13	296	13	67.4	911	1	US-08-081-072-8	Sequence 8, Appl1	12.8	67.4	1341	1	US-08-081-072-8	Sequence 8, Appl1	12.8	67.4	1341	1	US-08-081-072-8	Sequence 8, Appl1
13	297	13	67.4	911	1	US-08-449-094-8	Sequence 8, Appl1	12.8	67.4	1341	1	US-08-449-094-8	Sequence 8, Appl1	12.8	67.4	1341	1	US-08-449-094-8	Sequence 8, Appl1
13	298	13	67.4	915	5	US-08-449-094-8	Sequence 8, Appl1	12.8	67.4	1341	5	US-08-449-094-8	Sequence 8, Appl1	12.8	67.4	1341	5	US-08-449-094-8	Sequence 8, Appl1
13	299	13	67.4	1053	4	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	4	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	4	US-09-161-241-2	Sequence 2, Appl1
13	300	13	67.4	1092	6	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	6	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	6	US-09-161-241-2	Sequence 2, Appl1
13	301	13	67.4	1092	6	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	6	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	6	US-09-161-241-2	Sequence 2, Appl1
13	302	13	67.4	1092	6	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	6	US-09-161-241-2	Sequence 2, Appl1	12.8	67.4	1341	6	US-09-161-241-2	Sequence 2, Appl1
13	303	13	67.4	1089	4	US-09-453-702-241	Sequence 241, Appl1	12.8	67.4	1341	4	US-09-453-702-241	Sequence 241, Appl1	12.8	67.4	1341	4	US-09-453-702-241	Sequence 241, Appl1
13	304	13	67.4	1100	4	US-08-920-422-22	Sequence 22, Appl1	12.8	67.4	1341	4	US-08-920-422-22	Sequence 22, Appl1	12.8	67.4	1341	4	US-08-920-422-22	Sequence 22, Appl1
13	305	13	67.4	1111	2	US-08-957-080-169	Sequence 169, Appl1	12.8	67.4	1341	2	US-08-957-080-169	Sequence 169, Appl1	12.8	67.4	1341	2	US-08-957-080-169	Sequence 169, Appl1
13	306	13																	

12.08	67.4	1813	4	US	09	441	67.4A	16	80-100000	1	Appl	12.08	67.4	4008	3	US	09	440	67.4A	5	80-100000	1	Appl	12.08	67.4	4009	4	US	09	441	67.4A	5	80-100000	1	Appl	12.08	67.4	4010	5	US	09	442	67.4A	5	80-100000	1	Appl	12.08	67.4	4011	6	US	09	443	67.4A	5	80-100000	1	Appl	12.08	67.4	4012	7	US	09	444	67.4A	5	80-100000	1	Appl	12.08	67.4	4013	8	US	09	445	67.4A	5	80-100000	1	Appl	12.08	67.4	4014	9	US	09	446	67.4A	5	80-100000	1	Appl	12.08	67.4	4015	10	US	09	447	67.4A	5	80-100000	1	Appl	12.08	67.4	4016	11	US	09	448	67.4A	5	80-100000	1	Appl	12.08	67.4	4017	12	US	09	449	67.4A	5	80-100000	1	Appl	12.08	67.4	4018	13	US	09	450	67.4A	5	80-100000	1	Appl	12.08	67.4	4019	14	US	09	451	67.4A	5	80-100000	1	Appl	12.08	67.4	4020	15	US	09	452	67.4A	5	80-100000	1	Appl	12.08	67.4	4021	16	US	09	453	67.4A	5	80-100000	1	Appl	12.08	67.4	4022	17	US	09	454	67.4A	5	80-100000	1	Appl	12.08	67.4	4023	18	US	09	455	67.4A	5	80-100000	1	Appl	12.08	67.4	4024	19	US	09	456	67.4A	5	80-100000	1	Appl	12.08	67.4	4025	20	US	09	457	67.4A	5	80-100000	1	Appl	12.08	67.4	4026	21	US	09	458	67.4A	5	80-100000	1	Appl	12.08	67.4	4027	22	US	09	459	67.4A	5	80-100000	1	Appl	12.08	67.4	4028	23	US	09	460	67.4A	5	80-100000	1	Appl	12.08	67.4	4029	24	US	09	461	67.4A	5	80-100000	1	Appl	12.08	67.4	4030	25	US	09	462	67.4A	5	80-100000	1	Appl	12.08	67.4	4031	26	US	09	463	67.4A	5	80-100000	1	Appl	12.08	67.4	4032	27	US	09	464	67.4A	5	80-100000	1	Appl	12.08	67.4	4033	28	US	09	465	67.4A	5	80-100000	1	Appl	12.08	67.4	4034	29	US	09	466	67.4A	5	80-100000	1	Appl	12.08	67.4	4035	30	US	09	467	67.4A	5	80-100000	1	Appl	12.08	67.4	4036	31	US	09	468	67.4A	5	80-100000	1	Appl	12.08	67.4	4037	32	US	09	469	67.4A	5	80-100000	1	Appl	12.08	67.4	4038	33	US	09	470	67.4A	5	80-100000	1	Appl	12.08	67.4	4039	34	US	09	471	67.4A	5	80-100000	1	Appl	12.08	67.4	4040	35	US	09	472	67.4A	5	80-100000	1	Appl	12.08	67.4	4041	36	US	09	473	67.4A	5	80-100000	1	Appl	12.08	67.4	4042	37	US	09	474	67.4A	5	80-100000	1	Appl	12.08	67.4	4043	38	US	09	475	67.4A	5	80-100000	1	Appl	12.08	67.4	4044	39	US	09	476	67.4A	5	80-100000	1	Appl	12.08	67.4	4045	40	US	09	477	67.4A	5	80-100000	1	Appl	12.08	67.4	4046	41	US	09	478	67.4A	5	80-100000	1	Appl	12.08	67.4	4047	42	US	09	479	67.4A	5	80-100000	1	Appl	12.08	67.4	4048	43	US	09	480	67.4A	5	80-100000	1	Appl	12.08	67.4	4049	44	US	09	481	67.4A	5	80-100000	1	Appl	12.08	67.4	4050	45	US	09	482	67.4A	5	80-100000	1	Appl	12.08	67.4	4051	46	US	09	483	67.4A	5	80-100000	1	Appl	12.08	67.4	4052	47	US	09	484	67.4A	5	80-100000	1	Appl	12.08	67.4	4053	48	US	09	485	67.4A	5	80-100000	1	Appl	12.08	67.4	4054	49	US	09	486	67.4A	5	80-100000	1	Appl	12.08	67.4	4055	50	US	09	487	67.4A	5	80-100000	1	Appl	12.08	67.4	4056	51	US	09	488	67.4A	5	80-100000	1	Appl	12.08	67.4	4057	52	US	09	489	67.4A	5	80-100000	1	Appl	12.08	67.4	4058	53	US	09	490	67.4A	5	80-100000	1	Appl	12.08	67.4	4059	54	US	09	491	67.4A	5	80-100000	1	Appl	12.08	67.4	4060	55	US	09	492	67.4A	5	80-100000	1	Appl	12.08	67.4	4061	56	US	09	493	67.4A	5	80-100000	1	Appl	12.08	67.4	4062	57	US	09	494	67.4A	5	80-100000	1	Appl	12.08	67.4	4063	58	US	09	495	67.4A	5	80-100000	1	Appl	12.08	67.4	4064	59	US	09	496	67.4A	5	80-100000	1	Appl	12.08	67.4	4065	60	US	09	497	67.4A	5	80-100000	1	Appl	12.08	67.4	4066	61	US	09	498	67.4A	5	80-100000	1	Appl	12.08	67.4	4067	62	US	09	499	67.4A	5	80-100000	1	Appl	12.08	67.4	4068	63	US	09	500	67.4A	5	80-100000	1	Appl	12.08	67.4	4069	64	US	09	501	67.4A	5	80-100000	1	Appl	12.08	67.4	4070	65	US	09	502	67.4A	5	80-100000	1	Appl	12.08	67.4	4071	66	US	09	503	67.4A	5	80-100000	1	Appl	12.08	67.4	4072	67	US	09	504	67.4A	5	80-100000	1	Appl	12.08	67.4	4073	68	US	09	505	67.4A	5	80-100000	1	Appl	12.08	67.4	4074	69	US	09	506	67.4A	5	80-100000	1	Appl	12.08	67.4	4075	70	US	09	507	67.4A	5	80-100000	1	Appl	12.08	67.4	4076	71	US	09	508	67.4A	5	80-100000	1	Appl	12.08	67.4	4077	72	US	09	509	67.4A	5	80-100000	1	Appl	12.08	67.4	4078	73	US	09	510	67.4A	5	80-100000	1	Appl	12.08	67.4	4079	74	US	09	511	67.4A	5	80-100000	1	Appl	12.08	67.4	4080	75	US	09	512	67.4A	5	80-100000	1	Appl	12.08	67.4	4081	76	US	09	513	67.4A	5	80-100000	1	Appl	12.08	67.4	4082	77	US	09	514	67.4A	5	80-100000	1	Appl	12.08	67.4	4083	78	US	09	515	67.4A	5	80-100000	1	Appl	12.08	67.4	4084	79	US	09	516	67.4A	5	80-100000	1	Appl	12.08	67.4	4085	80	US	09	517	67.4A	5	80-100000	1	Appl	12.08	67.4	4086	81	US	09	518	67.4A	5	80-100000	1	Appl	12.08	67.4	4087	82	US	09	519	67.4A	5	80-100000	1	Appl	12.08	67.4	4088	83	US	09	520	67.4A	5	80-100000	1	Appl	12.08	67.4	4089	84	US	09	521	67.4A	5	80-100000	1	Appl	12.08	67.4	4090	85	US	09	522	67.4A	5	80-100000	1	Appl	12.08	67.4	4091	86	US	09	523	67.4A	5	80-100000	1	Appl	12.08	67.4	4092	87	US	09	524	67.4A	5	80-100000	1	Appl	12.08	67.4	4093	88	US	09	525	67.4A	5	80-100000	1	Appl	12.08	67.4	4094	89	US	09	526	67.4A	5	80-100000	1	Appl	12.08	67.4	4095	90	US	09	527	67.4A	5	80-100000	1	Appl	12.08	67.4	4096	91	US	09	528	67.4A	5	80-100000	1	Appl	12.08	67.4	4097	92	US	09	529	67.4A	5	80-100000	1	Appl	12.08	67.4	4098	93	US	09	530	67.4A	5	80-100000	1	Appl	12.08	67.4	4099	94	US	09	531	67.4A	5	80-100000	1	Appl	12.08	67.4	4100	95	US	09	532	67.4A	5	80-100000	1	Appl	12.08	67.4	4101	96	US	09	533	67.4A	5	80-100000	1	Appl	12.08	67.4	4102	97	US	09	534	67.4A	5	80-100000	1	Appl	12.08	67.4	4103	98	US	09	535	67.4A	5	80-100000	1	Appl	12.08	67.4	4104	99	US	09	536	67.4A	5	80-100000	1	Appl	12.08	67.4	4105	100	US	09	537	67.4A	5	80-100000	1	Appl	12.08	67.4	4106	101	US	09	538	67.4A	5	80-100000	1	Appl	12.08	67.4	4107	102	US	09	539	67.4A	5	80-100000	1	Appl	12.08	67.4	4108	103	US	09	540	67.4A	5	80-100000	1	Appl	12.08	67.4	4109	104	US	09	541	67.4A	5	80-100000	1	Appl	12.08	67.4	4110	105	US	09	542	67.4A	5	80-100000	1	Appl	12.08	67.4	4111	106	US	09	543	67.4A	5	80-100000	1	Appl	12.08	67.4	4112	107	US	09	544	67.4A	5	80-100000	1	Appl	12.08	67.4	4113	108	US	09	545	67.4A	5	80-100000	1	Appl	12.08	67.4	4114	109	US	09	546	67.4A	5	80-100000	1	Appl	12.08	67.4	4115	110	US	09	547	67.4A	5	80-100000	1	Appl	12.08	67.4	4116	111	US	09	548	67.4A	5	80-100000	1	Appl	12.08	67.4	4117	112	US	09	549	67.4A	5	80-100000	1	Appl	12.08	67.4	4118	113	US	09	550	67.4A	5	80-100000	1	Appl	12.08	67.4	4119	114	US	09	551	67.4A	5	80-100000	1	Appl	12.08	67.4	4120	115	US	09	552	67.4A	5	80-100000	1	Appl	12.08	67.4	4121	116	US	09	553	67.4A	5	80-100000	1	Appl	12.08	67.4	4122	117	US	09	554	67.4A	5	80-100000	1	Appl	12.08	67.4	4123	118	US	09	555	67.4A	5	80-100000	1	Appl	12.08	67.4	4124	119	US	09	556	67.4A	5	80-100000	1	Appl	12.08	67.4	4125	120	US	09	557	67.4A	5	80-100000	1	Appl	12.08	67.4	4126	121	US	09	558	67.4A	5	80-100000	1	Appl	12.08	67.4	4127	122	US	09	559	67.4A	5	80-100000	1	Appl	12.08	67.4	4128	123	US	09	560	67.4A	5	80-100000	1	Appl	12.08	67.4	4129	124	US	09	561	67.4A	5	80-100000	1	Appl	12.08	67.4	4130	125	US	09	562	67.4A	5	80-100000	1	Appl	12.08	67.4	4131	126	US	09	563	67.4A	5	80-100000</
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549	12.6	66.3	615	1	US-08-367-968-20	Sequence 26, App1	612	12.6	66.3	253	1	US-08-116-944A-4	5	611	12.6	66.3	254	1	US-08-116-944A-5	5	611	12.6	66.3	255	1	US-08-116-944A-6	5	611	12.6	66.3	256	1	US-08-116-944A-7	5	611	12.6	66.3	257	1	US-08-116-944A-8	5	611	12.6	66.3	258	1	US-08-116-944A-9	5	611	12.6	66.3	259	1	US-08-116-944A-10	5	611	12.6	66.3	260	1	US-08-116-944A-11	5	611	12.6	66.3	261	1	US-08-116-944A-12	5	611	12.6	66.3	262	1	US-08-116-944A-13	5	611	12.6	66.3	263	1	US-08-116-944A-14	5	611	12.6	66.3	264	1	US-08-116-944A-15	5	611	12.6	66.3	265	1	US-08-116-944A-16	5	611	12.6	66.3	266	1	US-08-116-944A-17	5	611	12.6	66.3	267	1	US-08-116-944A-18	5	611	12.6	66.3	268	1	US-08-116-944A-19	5	611	12.6	66.3	269	1	US-08-116-944A-20	5	611	12.6	66.3	270	1	US-08-116-944A-21	5	611	12.6	66.3	271	1	US-08-116-944A-22	5	611	12.6	66.3	272	1	US-08-116-944A-23	5	611	12.6	66.3	273	1	US-08-116-944A-24	5	611	12.6	66.3	274	1	US-08-116-944A-25	5	611	12.6	66.3	275	1	US-08-116-944A-26	5	611	12.6	66.3	276	1	US-08-116-944A-27	5	611	12.6	66.3	277	1	US-08-116-944A-28	5	611	12.6	66.3	278	1	US-08-116-944A-29	5	611	12.6	66.3	279	1	US-08-116-944A-30	5	611	12.6	66.3	280	1	US-08-116-944A-31	5	611	12.6	66.3	281	1	US-08-116-944A-32	5	611	12.6	66.3	282	1	US-08-116-944A-33	5	611	12.6	66.3	283	1	US-08-116-944A-34	5	611	12.6	66.3	284	1	US-08-116-944A-35	5	611	12.6	66.3	285	1	US-08-116-944A-36	5	611	12.6	66.3	286	1	US-08-116-944A-37	5	611	12.6	66.3	287	1	US-08-116-944A-38	5	611	12.6	66.3	288	1	US-08-116-944A-39	5	611	12.6	66.3	289	1	US-08-116-944A-40	5	611	12.6	66.3	290	1	US-08-116-944A-41	5	611	12.6	66.3	291	1	US-08-116-944A-42	5	611	12.6	66.3	292	1	US-08-116-944A-43	5	611	12.6	66.3	293	1	US-08-116-944A-44	5	611	12.6	66.3	294	1	US-08-116-944A-45	5	611	12.6	66.3	295	1	US-08-116-944A-46	5	611	12.6	66.3	296	1	US-08-116-944A-47	5	611	12.6	66.3	297	1	US-08-116-944A-48	5	611	12.6	66.3	298	1	US-08-116-944A-49	5	611	12.6	66.3	299	1	US-08-116-944A-50	5	611	12.6	66.3	300	1	US-08-116-944A-51	5	611	12.6	66.3	301	1	US-08-116-944A-52	5	611	12.6	66.3	302	1	US-08-116-944A-53	5	611	12.6	66.3	303	1	US-08-116-944A-54	5	611	12.6	66.3	304	1	US-08-116-944A-55	5	611	12.6	66.3	305	1	US-08-116-944A-56	5	611	12.6	66.3	306	1	US-08-116-944A-57	5	611	12.6	66.3	307	1	US-08-116-944A-58	5	611	12.6	66.3	308	1	US-08-116-944A-59	5	611	12.6	66.3	309	1	US-08-116-944A-60	5	611	12.6	66.3	310	1	US-08-116-944A-61	5	611	12.6	66.3	311	1	US-08-116-944A-62	5	611	12.6	66.3	312	1	US-08-116-944A-63	5	611	12.6	66.3	313	1	US-08-116-944A-64	5	611	12.6	66.3	314	1	US-08-116-944A-65	5	611	12.6	66.3	315	1	US-08-116-944A-66	5	611	12.6	66.3	316	1	US-08-116-944A-67	5	611	12.6	66.3	317	1	US-08-116-944A-68	5	611	12.6	66.3	318	1	US-08-116-944A-69	5	611	12.6	66.3	319	1	US-08-116-944A-70	5	611	12.6	66.3	320	1	US-08-116-944A-71	5	611	12.6	66.3	321	1	US-08-116-944A-72	5	611	12.6	66.3	322	1	US-08-116-944A-73	5	611	12.6	66.3	323	1	US-08-116-944A-74	5	611	12.6	66.3	324	1	US-08-116-944A-75	5	611	12.6	66.3	325	1	US-08-116-944A-76	5	611	12.6	66.3	326	1	US-08-116-944A-77	5	611	12.6	66.3	327	1	US-08-116-944A-78	5	611	12.6	66.3	328	1	US-08-116-944A-79	5	611	12.6	66.3	329	1	US-08-116-944A-80	5	611	12.6	66.3	330	1	US-08-116-944A-81	5	611	12.6	66.3	331	1	US-08-116-944A-82	5	611	12.6	66.3	332	1	US-08-116-944A-83	5	611	12.6	66.3	333	1	US-08-116-944A-84	5	611	12.6	66.3	334	1	US-08-116-944A-85	5	611	12.6	66.3	335	1	US-08-116-944A-86	5	611	12.6	66.3	336	1	US-08-116-944A-87	5	611	12.6	66.3	337	1	US-08-116-944A-88	5	611	12.6	66.3	338	1	US-08-116-944A-89	5	611	12.6	66.3	339	1	US-08-116-944A-90	5	611	12.6	66.3	340	1	US-08-116-944A-91	5	611	12.6	66.3	341	1	US-08-116-944A-92	5	611	12.6	66.3	342	1	US-08-116-944A-93	5	611	12.6	66.3	343	1	US-08-116-944A-94	5	611	12.6	66.3	344	1	US-08-116-944A-95	5	611	12.6	66.3	345	1	US-08-116-944A-96	5	611	12.6	66.3	346	1	US-08-116-944A-97	5	611	12.6	66.3	347	1	US-08-116-944A-98	5	611	12.6	66.3	348	1	US-08-116-944A-99	5	611	12.6	66.3	349	1	US-08-116-944A-100	5	611	12.6	66.3	350	1	US-08-116-944A-101	5	611	12.6	66.3	351	1	US-08-116-944A-102	5	611	12.6	66.3	352	1	US-08-116-944A-103	5	611	12.6	66.3	353	1	US-08-116-944A-104	5	611	12.6	66.3	354	1	US-08-116-944A-105	5	611	12.6	66.3	355	1	US-08-116-944A-106	5	611	12.6	66.3	356	1	US-08-116-944A-107	5	611	12.6	66.3	357	1	US-08-116-944A-108	5	611	12.6	66.3	358	1	US-08-116-944A-109	5	611	12.6	66.3	359	1	US-08-116-944A-110	5	611	12.6	66.3	360	1	US-08-116-944A-111	5	611	12.6	66.3	361	1	US-08-116-944A-112	5	611	12.6	66.3	362	1	US-08-116-944A-113	5	611	12.6	66.3	363	1	US-08-116-944A-114	5	611	12.6	66.3	364	1	US-08-116-944A-115	5	611	12.6	66.3	365	1	US-08-116-944A-116	5	611	12.6	66.3	366	1	US-08-116-944A-117	5	611	12.6	66.3	367	1	US-08-116-944A-118	5	611	12.6	66.3	368	1	US-08-116-944A-119	5	611	12.6	66.3	369	1	US-08-116-944A-120	5	611	12.6	66.3	370	1	US-08-116-944A-121	5	611	12.6	66.3	371	1	US-08-116-944A-122	5	611	12.6	66.3	372	1	US-08-116-944A-123	5	611	12.6	66.3	373	1	US-08-116-944A-124	5	611	12.6	66.3	374	1	US-08-116-944A-125	5	611	12.6	66.3	375	1	US-08-116-944A-126	5	611	12.6	66.3	376	1	US-08-116-944A-127	5	611	12.6	66.3	377	1	US-08-116-944A-128	5	611	12.6	66.3	378	1	US-08-116-944A-129	5	611	12.6	66.3	379	1	US-08-116-944A-130	5	611	12.6	66.3	380	1	US-08-116-944A-131	5	611	12.6	66.3	381	1	US-08-116-944A-132	5	611	12.6	66.3	382	1	US-08-116-944A-133	5	611	12.6	66.3	383	1	US-08-116-944A-134	5	611	12.6	66.3	384	1	US-08-116-944A-135	5	611	12.6	66.3	385	1	US-08-116-944A-136	5	611	12.6	66.3	386	1	US-08-116-944A-137	5	611	12.6	66.3	387	1	US-08-116-944A-138	5	611	12.6	66.3	388	1	US-08-116-944A-139	5	611	12.6	66.3	389	1	US-08-116-944A-140	5	611	12.6	66.3	390	1	US-08-116-944A-141	5	611	12.6	66.3	391	1	US-08-116-944A-142	5	611	12.6	66.3	392	1	US-08-116-944A-143	5	611	12.6	66.3	393	1	US-08-116-944A-144	5	611	12.6	66.3	394	1	US-08-116-944A-145	5	611	12.6	66.3	395	1	US-08-116-944A-146	5	611	12.6	66.3	396	1	US-08-116-944A-147	5	611	12.6	66.3	397	1	US-08-116-944A-148	5	611	12.6	66.3	398	1	US-08-116-944A-149	5	611	12.6	66.3	399	1	US-08-116-944A-150	5	611	12.6	66.3	400	1	US-08-116-944A-151	5	611	12.6	66.3	401	1	US-08-116-944A-152	5	611	12.6	66.3	402	1	US-08-116-944A-153	5	611	12.6	66.3	403	1	US-08-116-944A-154	5	611	12.6	66.3	404	1	US-08-116-944A-155	5	611	12.6	66.3	405	1	US-08-116-944A-156	5	611	12.6	66.3	406	1	US-08-116-944A-157	5	611	12.6	66.3	407	1	US-08-116-944A-158	5	611	12.6	66.3	408	1	US-08-116-944A-159	5	611	12.6	66.3	409	1	US-08-116-944A-160	5	611	12.6	66.3	410	1	US-08-116-944A-161	5	611	12.6	66.3	411	1	US-08-116-944A-162	5	611	12.6	66.3	412	1	US-08-116-944A-163	5	611	12.6	66.3	413	1	US-08-116-944A-164	5	611	12.6	66.3	414	1	US-08-116-944A-165	5	611	12.6	66.3	415	1	US-08-116-944A-166	5	611	12.6	66.3	416	1	US-08-116-944A-167	5	611	12.6	66.3	417	1	US-08-116-944A-168	5	611	12.6	66.3	418	1	US-08-116-944A-169	5	611	12.6	66.3	419	1	US-08-116-944A-170	5	611	12.6	66.3	420	1	US-08-116-944A-171	5	611	12.6	66.3	421	1	US-08-116-944A-172	5	611	12.6	66.3	422	1	US-08-116-944A-173	5	611	12.6	66.3	423	1	US-08-116-944A-174	5	611	12.6	66.3	424	1	US-08-116-944A-175	5	611	12.6	66.3	425	1	US-08-116-944A-176	5	611	12.6	66.3	426	1	US-08-116-944A-177	5	611	12.6	66.3	427	1	US-08-116-944A-178	5	611	12.6	66.3	428	1	US-08-116-944A-179	5	611	12.6	66.3	429	1	US-08-116-944A-180	5	611	12.6	66.3	430	1	US-08-116-944A-181	5	611	12.6	66.3	431	1	US-08-116-944A-182	5	611	12.6	66.3	432	1	US-08-116-944A-183	5	611	12.6	66.3	433	1	US-08-116-944A-184	5	611	12.6	66.3	434	1	US-08-116-944A-185	5	611	12.6	66.3	435
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1 INFORMATION FOR SEQ ID NO: 84:  
 2 SEQUENCE CHARACTERISTICS: 84:  
 3 LENGTH: 4517 base pairs  
 4 TYPE: nucleic acid  
 5 STRANDEDNESS: double  
 6 TOPOLOGY: linear  
 7 MOLECULE TYPE: DNA (genomic)  
 8 01-0593 06251 84

Query Match 81.1% Score 15.4 DB 5: Length 4517  
 Best Local Similarity 94.4% Prod. No. 96:  
 Matches 17: Conservative 0: Mismatches 1: Indels 0: Gaps 0:

27 1 CACAGAGAGAGAGAGGCGC 17  
 28 CACAGAGAGAGAGAGGCGC 91

RESULT 10  
 US-09-100-840A-1

1 Sequence 1, Application 05/20/1994  
 2 Patent No. 6294428  
 3 GENERAL INFORMATION:  
 4 APPLICANT: FRASER, Robert D.  
 5 APPLICANT: WHITE, Owen R.  
 6 APPLICANT: FRASER, Claire M.  
 7 TITLE OF INVENTION: 556 SLEIGH AS IS A SUBSTANTIAL ASSOCIATE TO THE INVENTION  
 8 TITLE OF INVENTION: 556 SLEIGH AS IS A SUBSTANTIAL ASSOCIATE TO THE INVENTION  
 9 FILE REFERENCE: 24366-2007.00  
 10 CURRENT APPLICATION NUMBER: 05/20/1994  
 11 NUMBER OF SEQ ID NOS: 2  
 12 SOFTWARE: Patent In Ver. 2.1  
 13 SEQ ID NO: 1  
 14 TYPE: DNA  
 15 ORGANISM: Homo sapiens  
 16 OTHER INFORMATION: H37R  
 17 US-09-100-840A-1

Query Match 81.1% Score 15.4 DB 4: Length 4411529  
 Best Local Similarity 94.4% Prod. No. 54:  
 Matches 17: Conservative 0: Mismatches 1: Indels 0: Gaps 0:

27 2 CACAGAGAGAGAGAGGCGC 19  
 28 CACAGAGAGAGAGAGGCGC 4785828

RESULT 11  
 US-09-100-840A-1

1 Sequence 1, Application 05/20/1994  
 2 Patent No. 6294428  
 3 GENERAL INFORMATION:  
 4 APPLICANT: FRASER, Robert D.  
 5 APPLICANT: WHITE, Owen R.  
 6 APPLICANT: FRASER, Claire M.  
 7 TITLE OF INVENTION: 556 SLEIGH AS IS A SUBSTANTIAL ASSOCIATE TO THE INVENTION  
 8 TITLE OF INVENTION: 556 SLEIGH AS IS A SUBSTANTIAL ASSOCIATE TO THE INVENTION  
 9 FILE REFERENCE: 24366-2007.00  
 10 CURRENT APPLICATION NUMBER: 05/20/1994  
 11 NUMBER OF SEQ ID NOS: 2  
 12 SOFTWARE: Patent In Ver. 2.1  
 13 SEQ ID NO: 1  
 14 TYPE: DNA  
 15 ORGANISM: Homo sapiens  
 16 OTHER INFORMATION: H37R  
 17 US-09-100-840A-1

1 CLASSIFICATION: 514  
 2 PRIOR APPLICATION DATA:  
 3 ALL OTHERS: 514  
 4 FILING DATE: 05/20/1994  
 5 APPLICATION NUMBER: 05/20/1994  
 6 FILING DATE: 05/20/1994  
 7 ATTORNEY/AGENT INFORMATION:  
 8 NAME: Fraser, Robert D.  
 9 REGISTRATION NUMBER: 514,804  
 10 TELEPHONE: 514,243,2000  
 11 TELEFAX: 514,741,0012  
 12 INFORMATION FOR SEQ ID NO: 84:  
 13 SEQUENCE CHARACTERISTICS:  
 14 LENGTH: 4517 base pairs  
 15 TYPE: nucleic acid  
 16 STRANDEDNESS: double  
 17 TOPOLOGY: linear  
 18 MOLECULE TYPE: DNA  
 19 US-09-100-840A-1

Query Match 81.1% Score 15.4 DB 1: Length 4517  
 Best Local Similarity 94.4% Prod. No. 96:  
 Matches 17: Conservative 0: Mismatches 1: Indels 0: Gaps 0:

27 1 CACAGAGAGAGAGAGGCGC 19  
 28 CACAGAGAGAGAGAGGCGC 4785828

RESULT 12  
 US-09-100-840A-1

1 Sequence 1, Application 05/20/1994  
 2 Patent No. 6294428  
 3 GENERAL INFORMATION:  
 4 APPLICANT: FRASER, Robert D.  
 5 APPLICANT: WHITE, Owen R.  
 6 APPLICANT: FRASER, Claire M.  
 7 TITLE OF INVENTION: 556 SLEIGH AS IS A SUBSTANTIAL ASSOCIATE TO THE INVENTION  
 8 TITLE OF INVENTION: 556 SLEIGH AS IS A SUBSTANTIAL ASSOCIATE TO THE INVENTION  
 9 FILE REFERENCE: 24366-2007.00  
 10 CURRENT APPLICATION NUMBER: 05/20/1994  
 11 NUMBER OF SEQ ID NOS: 2  
 12 SOFTWARE: Patent In Ver. 2.1  
 13 SEQ ID NO: 1  
 14 TYPE: DNA  
 15 ORGANISM: Homo sapiens  
 16 OTHER INFORMATION: H37R  
 17 US-09-100-840A-1

1 CLASSIFICATION: 514  
 2 PRIOR APPLICATION DATA:  
 3 ALL OTHERS: 514  
 4 FILING DATE: 05/20/1994  
 5 APPLICATION NUMBER: 05/20/1994  
 6 FILING DATE: 05/20/1994  
 7 ATTORNEY/AGENT INFORMATION:  
 8 NAME: Fraser, Robert D.  
 9 REGISTRATION NUMBER: 514,804  
 10 TELEPHONE: 514,243,2000  
 11 TELEFAX: 514,741,0012  
 12 INFORMATION FOR SEQ ID NO: 84:  
 13 SEQUENCE CHARACTERISTICS:  
 14 LENGTH: 4517 base pairs  
 15 TYPE: nucleic acid  
 16 STRANDEDNESS: double  
 17 TOPOLOGY: linear  
 18 MOLECULE TYPE: DNA  
 19 US-09-100-840A-1

Query Match 81.1% Score 15.4 DB 2: Length 4517  
 Best Local Similarity 94.4% Prod. No. 96:  
 Matches 17: Conservative 0: Mismatches 1: Indels 0: Gaps 0:



















[illegible]





```

27 1 CCAAGACAGAGAGAGGCTC 19
    11111111111111111111
46 1498 CCAAGACAGAGAGAGGCTC 1480

```

# RESULT 44

```

US-09-352-168-26/c
? Sequence 26, Application US/09/52168A
? Patent No. 6211435
? GENERAL INFORMATION:
? APPLICANT: Cluskey, Oswald R.
? APPLICANT: Davick, Jonathan P.
? APPLICANT: Gilliam, Jacob L.
? APPLICANT: Torbert, Otto
? APPLICANT: Gilliam, Jacob L.
? APPLICANT: Radoux, Joyce A.
? TITLE OF INVENTION: Antio Polyalanine Oxidase
? TITLE OF INVENTION: Antio Polyalanine Oxidase
? FILE REFERENCE: 0975
? CURRENT ATTORNEY: BUCKLEY, ROBERT J.
? EARLIER FILING DATE: 1999-07-12; 1999-07-13
? EARLIER APPLICATION NUMBER: 59/092,736
? EARLIER FILING DATE: 1998-07-25
? NUMBER OF SEQ ID NOS: 32
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO: 26
? LENGTH: 2976
? TYPE: DNA
? ORGANISM: Unknown
? FEATURE:
? OTHER INFORMATION: Barley alpha amylase signal sequence.
? OTHER INFORMATION: mature, artificial spacer, for
? OTHER INFORMATION: plant expression.
? FEATURE:
? NAME/KEY: sta_peptide
? LOCATION: (1)...(72)
? OTHER INFORMATION:
? NAME/KEY: mat_peptide
? LOCATION: (73)...(1545)
? OTHER INFORMATION: HEST1 mature
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: (1546)...(1584)
? OTHER INFORMATION: Artificial spacer sequence
? FEATURE:
? NAME/KEY: misc_feature
? LOCATION: (1585)...(2973)
? OTHER INFORMATION: KITAFAO
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (1)...(2973)
? NAME/KEY: misc_feature
? LOCATION: (1585)...(1587)
? OTHER INFORMATION: Extra lysine
US-09-352-168-26

```

```

Query Match 74.7% Score 14.2; DB 4; Length 2976;
Best Local Similarity 84.2%; Pred. No. 3,400,02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 1 CCAAGACAGAGAGAGGCTC 19
    11111111111111111111
46 1498 CCAAGACAGAGAGAGGCTC 1480

```

# RESULT 45

```

US-09-352-168-26
? Sequence 17, Application US/09/42753
? Patent No. 5861278
? GENERAL INFORMATION:
? APPLICANT: WONG, Gordon G.
? APPLICANT: YAO, Kwok-Ming

```

```

? TITLE OF INVENTION: HNF-1beta Compositions
? NUMBER OF SEQUENCES: 4
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Genetec, Inc.
? STREET: 87 Cambridge Park Drive
? CITY: Cambridge
? STATE: Massachusetts
? COUNTRY: USA
? ZIP: 02140
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.25

```

```

? CURRENT ATTORNEY: BUCKLEY, ROBERT J.
? FILING DATE: 1999-07-12; 1999-07-13
? CLASSIFICATION: C14
? ALTERNATIVE: HNF-1BETA
? NAME: HNF-1BETA
? REGISTRATION NUMBER: 52,618
? REGISTRATION NUMBER: 62,77
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (617) 496-8200
? TELEFAX: (617) 576-5051
? INFORMATION FOR SEQ ID NO: 17

```

```

? SEQUENCE CHARACTERISTICS:
? LENGTH: 541 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? Molecule type: cDNA
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 88...240
US-09-352-168-26

```

```

Query Match 74.7% Score 11.2; DB 2; Length 541;
Best Local Similarity 84.2%; Pred. No. 3,400,02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 1 CCAAGACAGAGAGAGGCTC 19
    11111111111111111111
46 1870 CCAAGACAGAGAGAGGCTC 1860

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# RESULT 46

```

US-09-352-169-40/c
? Sequence 40, Application US/09/52159A
? Patent No. 6211434
? GENERAL INFORMATION:
? APPLICANT: Davick, Jonathan P.
? APPLICANT: Gilliam, Jacob L.
? APPLICANT: Torbert, Otto
? APPLICANT: Radoux, Joyce A.

```

```

? TITLE OF INVENTION: Antio Polyalanine Oxidase
? TITLE OF INVENTION: Antio Polyalanine Oxidase
? FILE REFERENCE: 1044
? CURRENT ATTORNEY: BUCKLEY, ROBERT J.
? EARLIER FILING DATE: 1999-07-12
? EARLIER APPLICATION NUMBER: 59/092,736
? EARLIER FILING DATE: 1998-07-25
? EARLIER FILING DATE: 1999-07-26

```

```

? NUMBER OF SEQ ID NOS: 40
? SOFTWARE: FastSeq for Windows Version 3.0
? SEQ ID NO: 40
? LENGTH: 4591
? TYPE: DNA
? ORGANISM: Unknown
? FEATURE:
? OTHER INFORMATION: open reading frame of HEST1KITAFAO fusion
? OTHER INFORMATION: bacterial expression vector pSEX-411 of HEST1KITAFAO fusion
? OTHER INFORMATION: version of HEST1KITAFAO fusion: 4.1.1

```





Best local Similarity 84.28; Pred. No. 3.4e-02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

07 1 CACACAGACAGAGCGGCGCTC 19  
16 2486 CACACAGACAGAGCGGCGCTC 2468

## RESULT 49

US-08-452-427-2/c

Sequence 2, Application US/98152567

Patent No. 5846712

GENERAL INFORMATION:

APPLICANT: Baylin, Stephen H.

TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, HIC-1

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESS: Fish &amp; Richardson L.P.C.

STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla

STATE: California

COUNTRY: USA

ZIP: 92037

COMPUTER REMARKABLE FORM:

MEDIUM TYPE: floppy disk

COMPILED: IBM PC compatible

OPERATING SYSTEM: PC DOS/MS DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 08/98152567

FILING DATE: 25-MAY-1995

CLASSIFICATION: 495

ALTERNATIVE INFORMATION:

NAME: HALL, Ph.D., Lisa A.

REGISTRATION NUMBER: 29,317

REFERENCE TO OTHER INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 678-5070

TELEFAX: (619) 678-5099

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 4112 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

IMMEDIATE SOURCE:

CLONE: HIC-1 coding polynucleotide

FEATURE:

NAME/KEY: CDS

LOCATION: 1086..2726

US-08-452-427-2

Query Match 74.78; Score 14.2; DB 2; Length 4112;

Best Local Similarity 84.28; Pred. No. 3.4e-02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

07 1 CACACAGACAGAGCGGCGCTC 19  
16 2486 CACACAGACAGAGCGGCGCTC 2468

## RESULT 50

US-08-452-427-2/c

Sequence 2, Application US/98152567

Patent No. 5846712

GENERAL INFORMATION:

APPLICANT: Baylin, Stephen H.

TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, HIC-1

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESS: Fish & Richardson P.C.  
CITY: La Jolla  
STATE: California  
COUNTRY: USA  
ZIP: 92037  
MEDIUM TYPE: floppy disk  
COMPILED: IBM PC compatible  
OPERATING SYSTEM: PC DOS/MS DOS  
SOFTWARE: PatchIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 08/98152567  
FILING DATE: 25-MAY-1995  
CLASSIFICATION: 495  
ALTERNATIVE INFORMATION:  
NAME: HALL, Ph.D., Lisa A.  
REGISTRATION NUMBER: 29,317  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 678-5070  
TELEFAX: (619) 678-5099  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4112 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: HIC-1 coding polynucleotide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1086..2726  
US-08-452-427-2

Query Match 74.78; Score 14.2; DB 2; Length 4112;

Best Local Similarity 84.28; Pred. No. 3.4e-02;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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16 2486 CACACAGACAGAGCGGCGCTC 2468

Search completed: May 25, 2003, 02:20:17  
Job time: 1721 Secs

